



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

CUNNINGHAM et al.

Art Unit: 1652

Application No.: 09/701,395

Examiner: D. Ramirez

Filed: September 25, 2001

Attorney Dkt. No.: 108172-00022

For: GENES OF CAROTENOID BIOSYNTHESIS AND METABOLISM AND
METHODS FOR USE THEREOF

1652
Box-509
#12C/PW
05-14-03

AMENDMENT IN RESPONSE TO NOTICE UNDER 37 C.F.R. § 821-825

Commissioner for Patents
Washington, D.C. 20231

May 2, 2003

Sir:

In response to the Notice to Comply With Requirements for Applications
Containing Sequence Disclosures mailed April 2, 2003, please amend the application
as follows:

IN THE SPECIFICATION:

Please amend the specification as shown:

Please delete the paragraph on page 8, lines 12-13, and replace it with the
following paragraph:

Figure 22 shows a amino acid sequence alignment of various plant and green
algal isopentenyl isomerases (IPI) (SEQ ID NOS 36-41, 16, 42-45, respectively, in order
of appearance).

{ Please delete the paragraph on page 8, lines 14-15, and replace it with the

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